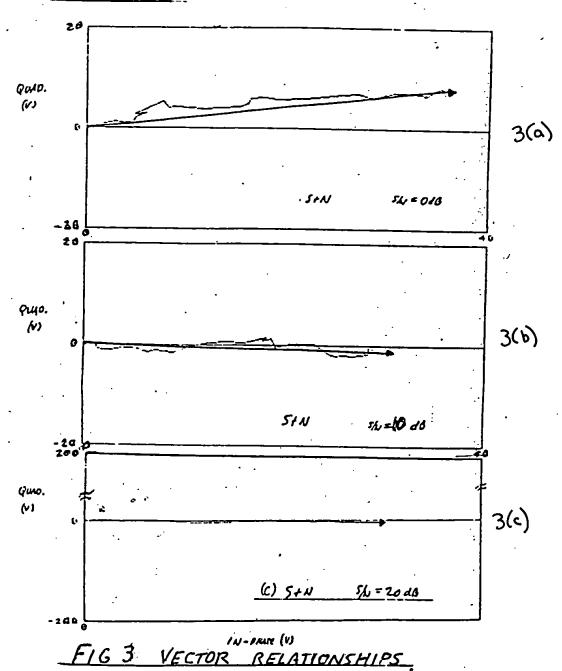
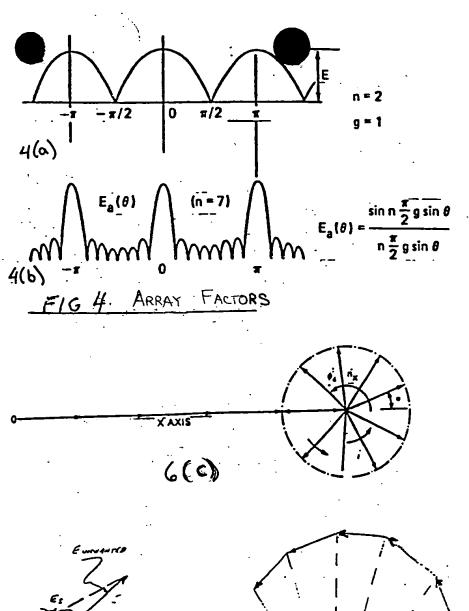


FIG 2 (b) Target Angle Off Peak (24) Degrees





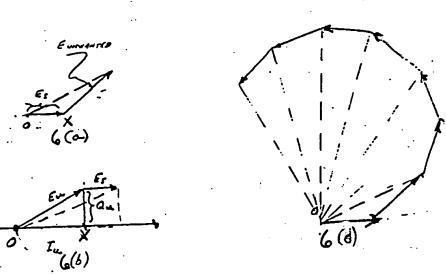


FIG & MANIFESTATIONS OF NOISE

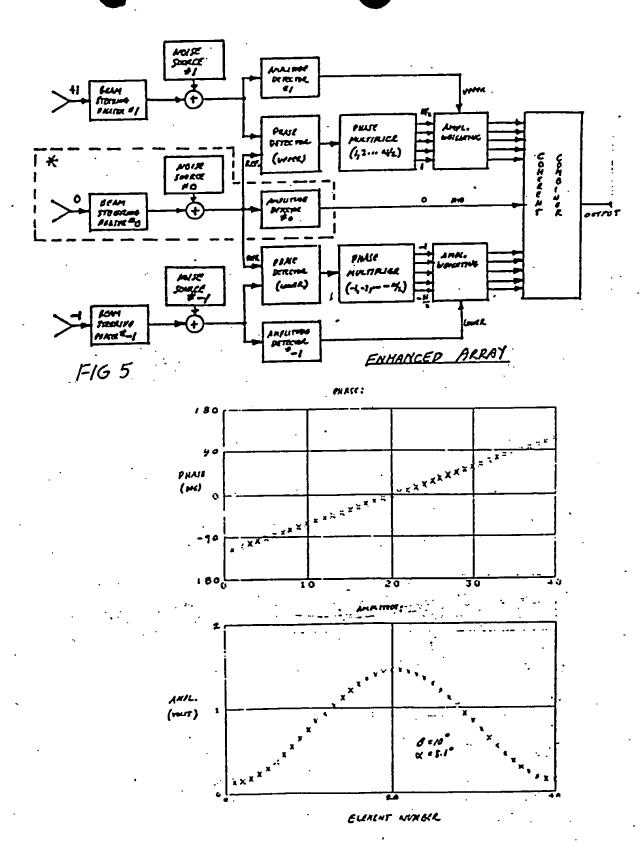
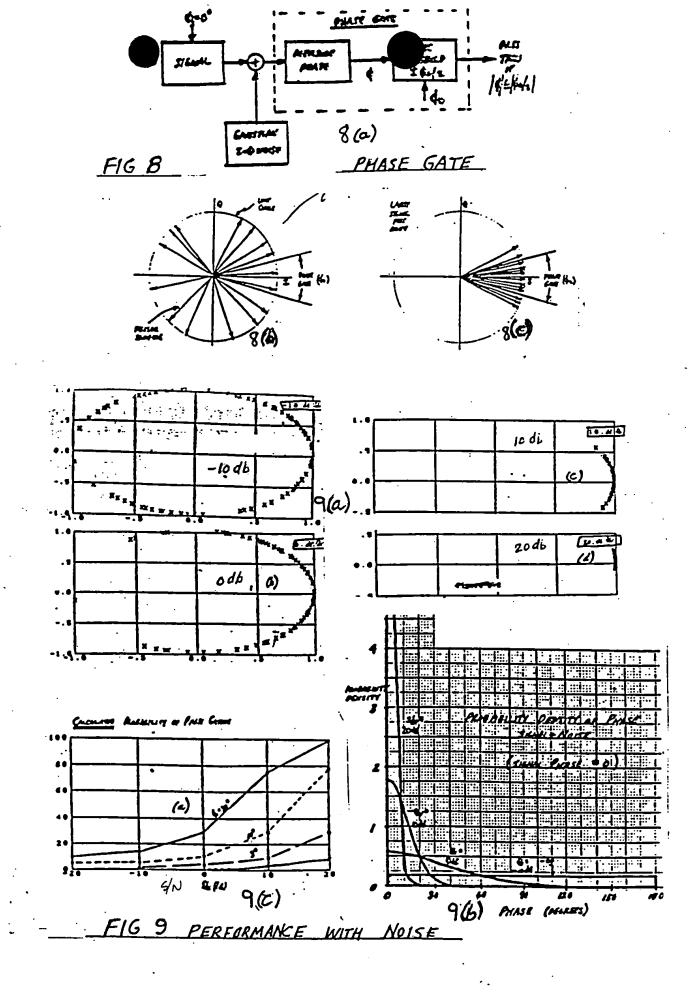
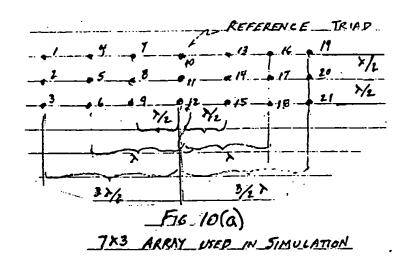


FIG 7 RESPONSE WITHOUT NOISE





0, 73 1, 70		1.3760	•									
	70 I	2. 3004		. 1123 . 3358	1.	4339	1. 0919	0. 7478	0. 8836	0. 3856	1. 7902	LEFT
0. 5	273	1. 9065		2319	0.	4199	-0. 5505	2. 2936	2. 1521	0.3127	1.2718	RIGHT
				I valu	) C D							
1 0.	7349	4	1.4		7	0. 68	136 10	1.7061	13 -0.5		-0.4199	19 -2.1
	3760	5 6	1.0		8	0.38 1.79	356 11 702 12	2. 3004 2. 3358	14 -1.90 15 -2.20	065 17 319 18		20 -0.3 21 -1.3
<b>7</b> 1	1123											

FIG. 10(6)

(Expected B1)

Process 81

```
Group 2 *========
                                                                      Q data
========= 0 d8 ===========
                                 Trial 17
                                          0.4769
                                                       ### Actual noise avg = -0.2302 ###
Avg Q for sextet (w/ signs reversed) =
            Sextet QA's
                      QA.
            Q
          0.0209
                    -0.4560
                                                   <u>Fi</u>G 11(a)
                   -0.1167 *
     S
          0.3602
                    0.2342
          0.7111
     6
          0.0031
                    -0.4738
    16
                    -0.7347
         -0.2578
    17
    18
          2.0240
                    1.5471
                                              Delta(D) Delta A(E)
                                                                      Col 1
                                                                                   Col 2
                                                                                             Col 3
                                    Q'A (C)
Left Right Pair Avg(A)
                                                         -0.5867
                                                                     -0.1217
                                    -0.4649
                                               0.0031
                         0.0120
                                 Ь
              0.0089
      16
                                                         -0.8476
                                                                                  -0.2522
                                               -0.2578.
              0.1394
                                     -0.5954
                        -0.1185
      17
                                                                                             5888.0
                                                          1.4342
                                                2.0240
                                     0.5455
              -1.0016
                         1.0225
  4
      18
                                                         -0.5867
                                                                      -0.2914
                                                0.0031
                                    -0.2953
                         0.1817
              0.1786
      16
                                                                                  -0.4218
                                                         -0.8476
                                               -0.2578
               0.3090
                         0.0512
                                     -0.4257
      17
                                                                                             0.7191
                                                          1.4342
                         1.1921
                                                2.0240
              -0.8319
                                     0.7152
      18
                                                0.0031
                                                         -0.5867
                                                                      -0.4668
                         0.3571
                                    -0.1198
               0.3540
      16
                                                                                  -0.5973
                                                         -0.8476
                                               -0.2578°
                                     -0.2503
               0.4844
                         0.2267
      17
                                                                                             0.5436
                                                2.0240
                                                          1.4342
                                    0.8906
              -0.6565
                         1.3676
      18
                                                                                  -1.2714
                                                                                              2.1514
                                                                      -0.8800
                                                5.3079
                                                          0.0000
                         4.2923
                                     -0.0000
              -1.0157
      Sum =
                                                                                  -0.4238
                                                                                              0.7171
                                                                      -0.2933
                                                0.5898
                                                           0.0000
              -0.1129
                         0.4769
                                     -0.0000
      Avg =
                                               Comparison value =
                                                                      -0.2933
                2.393 : 1
Oispersion =
                                                          (Inherently indicated by bb or BB in non key entries)
                       -0.4131
   Dispersion sum =
                                                          All same polarity, a averageable; low dispersion ratio
  Dispersion dif =
                        -0.1697
                        0.1369 --> divided by 3 *
                                                                    average below threshold
 Dispersion ratio =
                                                          Case 1
                                                                    average above threshold
                                                0.0456
                                                          Case 2
                                                                    Average between .73 to .83
 (Expected A1)
                                                                    Comparison value is average
                            POLARITY of noise is: -
   Process A1 .
                                                  Group 3 ========= Q data ==========
   ### Actual noise avg = -0.2625 ###
                                             0.1035
   Avg Q for sextet (w/ signs reversed) =
               Sextet QA's:
               Q
                         QA
                      1.2375
        7
             1.3410
                                                      FIG 11 (b)
                       0.9560
        8
             1.0595
                       -0.7912
        9
            -0.6877
            -1.7936
                       -1.8971
       13
                       -0.6565 *
            -0.5530
       14
                        1.1515
       15
             1.2550
                                                                                                Col 3
                                                  Delta(D) Delta A(E)
                                                                         Col 1
                                                                                      Col 2
                                        Q'A (C)
                              В
   Left Right Pair Avg(A)
                                                                                               -1.0999
                                                            -1.4297
                                                  -1.7936
                                        -0.3298
                           -0.2263
                 1.5673
         13
                                                             <u>-0.1891</u>
                                                                         -0.4796
                                        0.2905
                                                  -0.5530
                            0.3940
                                    Ь
     7
         14
                  0.9470
                                                                                      0.4244
                                                             1.6189
                                                   1.2550
                                        1.1945
                            1.2980
     7
         15
                 0.0430
                                                                                                -0.9592
                                                             -1.4297
                                                  -1.7936
                                        -0.4706
                           -0.3671
     8
         13
                  1.4266
                                                                         -0.3389
                                                  -0.5530
                                                             -0.1891
                                        0.1497
                  0.8063
                            0.2533
         14
     8
                                                                                      0.5651
                                                             1.6189
                                                   1.2550
                                         1.0537
                 -0.0977
                            1.1573
          15
                                                                                                -0.0856
                                                 -1.7936
                                                             -1.4297
                  0.5530
                           -1.2407
                                        -1.3442
          13
                                                                          0.5348
                                        -0.7239
                                                  -0.5530
                                                             -0.1891
                 -0.0673
                            -0.6204
          14
                                                                                      1.4388
                                                              1.6189
                                                   1.2550
                 -0.9713
                            0.2837
                                         0.1801
          15
                                                                                                -2.1446
                                                                                      2.4283
                                                              0.0009
                                                                         -0.2837
                                                   -3.2748
                                         0.0000
                  4.2066
                          . 0.9318
         Sum ≖
                                                                                                -0.7149
                                                                                      0.8094
                                                              0.0000
                                         0.0000
                                                   -0.3639
                  0.4674
                             0.1035
         E CVA
                                                                         -0.2837
                                                   Comparison value =
    Dispersion = -1.115 : 1
                                                              (Inherently Bb combination)
      Oispersion sum =
                            0.0552
                                                              One odd polarity, a use sum dispersion ratio low
      Dispersion dif =
                            1.0144
                                                                        Σ less than threshold :
                                                              Case 1
                            0.0544
    Dispersion ratio =
```

presence of sizable B

sizable = > 67% of # in IA' column, where # is

Case 2

POLARITY of noise is - maximum value of polarity opposite to \* polarity

limiani en

19.39

\*\*\*\*\*\*\*\*\*\* O dB \*\*\*\*\*\*\*\*\*\* Trial 1 Group 3 ========= Q data ========= Avg Q for sextet (w/ signs reversed) = 1.1320 ### Actual noise avg = 0.7660 ### Sextet UA's o ŨА 7 1.6680 0.5360 F16 11 (c) 8 0.2348 -0.8972 0.6360 -0.4960 13 2.2163 1.0843 0.8563 -0.275714 1.1906 0.0486 \* 15 Left Right Pair Avg(A) 8 Q'A (C) Delta(D) Delta A(E) Col 1 Col 2 Col 3 1.9422 b -0.2742 0.7986 -0.0116 13 1018.0 2.2163 14 0.4059 1.2622 0.1301 0.8563 -0.5614 -0.6916 7 15 0.2437 1.4243 0.2923 1.1806 -0.2321 -0.5294 -0.9908 1.2256 \* 0.0935 0.7986 0.7050 8 13 2.2163 -0.3108 0.5456 # -0.5865 -0.5614 14 0.8563 0.0250 -0.4729 0.7077 -0.2371 15 -0.42430.1872 1.1806 13 -0.790i 1.4262 b 0.2941 2.2163 0.7986 0.5044 0.7462 -0.385% -0.1756 14 -0.1102 0.8563 -0.5614 -0.0134 15 -0.2723 0.9083 -0.2237 1.1806 -0.2371 -2.5716 10.1880 -0.0000 12.7596 0.0000 1.1979 -0.8421 Sua ≖ -0.3557. -0.2857 1.1320 -0.0000 1.4177 0.0000 Avg = Dispersion = -43.547 : 1Comparison value = 0.7050 0.4928 Dispersion sum = (Inherently bb or BB) Dispersion dif = 0.5160 0.9551 Use key or \* entry; high dispersion ratio Oispersion ratio = Case 1 less than .73 Case 2 greater than .83 (Expected C1) Comparison value is \* index entry Process C1 POLARITY of noise is: +

```
------- 0 d8 ------ Trial 4 Group 1 ------ 0 data ------
                                                     ### Actual noise avg = 0.1628 ###
Avg Q for sextet (w/ signs reversed) = 1.1629
                                                                             1 . .
           Sexlet QA's
           Q
                    QA
                                                  FIG 11 (d)
         2.6625
                   1.4997
         1.9091
                   0.7462
    . 2
                  --0.1463¾
    3
         1.0166
    19
         1.9264
                   0.7635
                   -0.9945
    20
         0.1684
    21 *
                   -1.8688
        -0.7059
                                                                                          Col 3
                                                                               Col 2
                                                                   Col 1
                                             Delta(D) Delta A(E)
                                   0'A (C)
Left Right Pair Avg(A)
                         В
                                                       1.4634
                                                                                          0.3318
                                              1.9264
                        2.2945
                                 $ 1.1316
            0.3681
     19
  1
                                              0.1684
                                                       -0.2946
                                                                X - 0.5472
                                   0.2526
                        1.4155 B
  1
      20
             1.2471
                                                                               -0.9843
                                                       -1.1689
             1.6842
                                   -0.1846
                                             -0.7059
      21
                        0.9783
  1
                                                                                          0.7085
                                              1.9264
                                                        1.4634
                                    0.7549
  2
      19
             -0.0086
                        1.9178
                                                                   -0.1705
                                                       -0.2946
                        1.0388 ▼
                                   -0.1241
                                              0.1684
             0.8704
      20
  2
                                                                               -0.6076
                                              -0.7059
                                                       -1.1689
              1.3075
                                   -0.5613
                        0.6016
      21
                                                                                          1.1548
             -0.4549
                        1.4715
                                    0.3086
                                              1.9264
                                                        1.4634
  3
      19
                                                       -0.2946
                                                                    0.2758
                                   -0.5704
                                              0.1684
              0.4241
                        0.5925 b
 · 3
      20
                                                                               -0.1614
                        0.1554
                                   -1.0075
                                              -0.7059
                                                       -1.1689
      21
              0.8613
                                                                                          2.1952
                                                                               -1.7533
                                                                   -0.4418
                                                        0.0000
                                   -0.0000
                                               4.1667
              6.2990
                       10.4657
     Sum =
                                                                                          0.7317
                                                        0.0000
                                                                               -0.5844
                                              0.4630
              0.6999
                        1.1629
                                   -0.0000
     Ava =
                                              Comparison value =
                                                                    0.1053
Dispersion = -1.984 : 1
                                                             (Inherently bB) high dispersion ratio
                      -0.2714
  Oispersion sum =
                                                               Eliminate B when \Sigma < abs 11.31:
   Dispersion dif =
                      -0.8230
                                                               Eliminate (b) when \Sigma > 11.31
                       0.3298
Oispersion ratio *
```

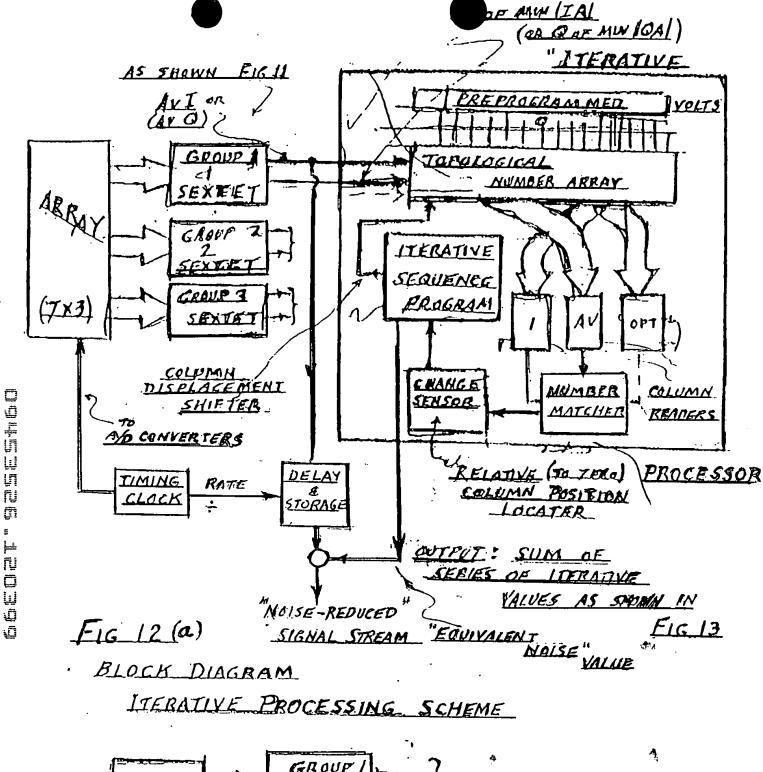
Case 1

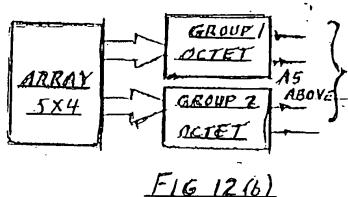
Case 2

less than .73

greater than .83

(Expected D1)
Process D1 POLARITY of noise is: +





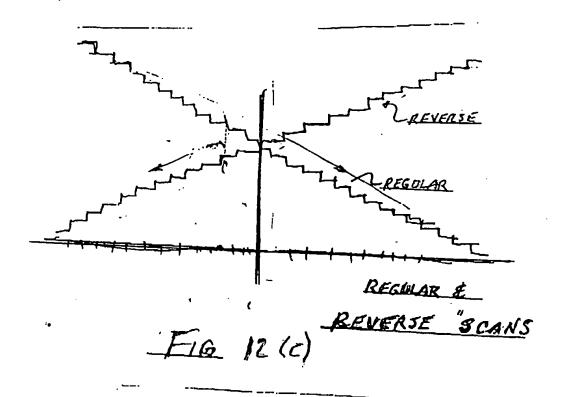


FIG 12 (d)

COMPOSITE "V SCAN & "A" SCAN

I d	ala	2223		ար 1	ŭ	# <u>11</u>	viçe.	avei a	ge ș	ana '	11	ys scan	ned in	oppos i l	e sense	111	
Hin 1A	9 ų	85 %	• . <del>•</del> . •	- 75 9	7	45 6	5 V	55	5 1	- ,45 v	4 %	35 V	3 y	25 v	2 y	+.15 y	1 v
Avg 208 0.041	1.206 -0.552	1.155 -0.502		1,056				0.856 -0.202	0.805 -0.152	0.754 -0.102	0.766 -0.052	0.656 <b>1</b> .002	0.605 0.048				
Avg 21A -0.052	·0.691 -1.151		0.59 <u>1</u> -1.051						0.29 <u>1</u> -0.761	0.241 -0.711	-0.551 0.191	0.141 -0.611	0,091	0.04! -0.511	0.009	-0.411	-0.361
Avg 224 0.060	0.735 -1.005	0.685 -0.955								0.285 -0.555	0.235 -0.505	0.185 -0.455	0.135 -0.405	0.085 -0.355	0.035	(0.015 -0.255	0.065
Avg 23A 0.022	0.654	0.604 -1.074						0.384 -0.774	0.254 -0.724	0.204 -0.574	0.154 -0.624	0.104 -0.574	0.054		0.046 -0.424		
Avo - 24A -0.002	1.166 -0.637							0.816	0.766 -0.237	0.716 -0.187	0.666 -0.137	0.616 -0.087	0.566		0.466		0.355
Ava 258  -0.032	1.100 -0.732	1.050	1.000 -0.632	-0.592 0.959	0.900	0.850 -0.482	0.800 -0.432	0.750	0.700 -0.332	0.650	0.600	0.550	0.500 -0.132	0.450	0.400	0.350	0.300
4vg 258 -0.159	0.467	0.437	6,337	0.237	0.297	9.237	0.187	0.137	0.097	0.037	-0.013	-0,043	-9,113	-0.163	-0 213	-0 263	-0 313
Ανą	0.924	0.674	0.924	6,774	0.724	0.674	0.624	0.574	0.524	0.474	0.424	0.374	0.324	0.274	0 224	0 174	_
Avg 280 (0.178)	0.782 -0.640			£.532 -0.530			0.482 -0.540	0.432 -0.490	0.38 <u>2</u> -0.440	-0.33 <u>2</u>	0.292	0.232 -0.290	0.182 -0.240	0.132 -0.190	0.082 -0.140	0.002	-0.016 ·
Avg 291 (8.129)	1.246 -0,683	1.196							0.846 -0.283					0.596 -0.033		0.496 0.067	
908 0.032	0.846 -0.921	0,799 -0.871	0.748 -0.921		0.648 -0.721			0.499 -0.571			0.349 -0.421	0.298 -0.371				0.098 -0.171	
4vg 310 (0,174	0.786 1 <sub>1.187</sub>	0.736 -1.137	0.484 -1.097		0.586 -0.997		0.486 -0.887				0.286 -0.697			0.136 -0.537			-0.387
Avg 320 -0.015	1.060 -0.755			0.910 -0.605						0.610 -0.305							
33C -0'0è0 yná	0.993 -0.997				0.793 -0. <del>69</del> 7					0.543 -0.43Z						0.243 -0.137	
Avg 31A (0,203)	0.530 -1.479	0.480 -1.429	0.430 -1.372	0.380 -1.329	0.330 -1.273	0.290 -1.229	0.230 -1.179	0.190 -1.129	0.130 -1.073	0.080 -1.029	0.01 <b>6</b> -0.979	-0.929	-0.070 -0.879	-0.120 -0.829	-0.170 -0.779	-0.220 -0.729	-0.270 -0.679
Avg 350 -0.083	1.025 -0.849			0,995 -0,699						0.565 -0.399		0.465 -0.299				0.285 -0.099	
Avg 368 (₹.2]2.	1,171					-0,591 -0,591	0.871 -0.541	0.921 -0.491		0.721 -0.391	0.67 <u>1</u> -0.341			0.521 -0.191		0.421 -0.091	0.371
Avg 370 0.015	1.024 -0.761	0.974 -0.711			0.824 -0.561					0.574 -0.311							
386 0.003 WA	0.616 -1.191			0.456 -1.031		0.365 -0.931	0.216	-0.631	0.214 -0.781	0.166 -0.731	0.116 -0.691	0.045 -0.631	0.581	2.034 -0.531	-0.094 -0.481;	-0.134 -0.431	-0.164 -0.381
	•		:					FIG.	1360	<b>`</b>				,	•		

			a :		G <sub>1</sub> on	r I	11.5	H No	ise a	ve		187		l	1	
05 v	0	.05 v	.l v	.15 v	.2 :	. <b>2</b> 5 v	.3 ×	.35 .	.Ao.	.45 e	.5 :	.55.	.8 :	.65 %	. <b>7</b> v	.15 y
0.356 0.298	0.348 6.348	0.256 0.398	0.206 0.448	0.855 0.498	0.106 0.548	0.056 0.598	0.19	0.698 0.698	-1,494 0,748	-0.144 0.798	-0.191 0.918	-0.214 0.898	-0.294 0.946	-0.344 0.999	-0.394 1.048	-0.444 1.096
-0.159 -0.311	-0.269 -0.261	-0.259 -0.211	-0.309 -0.161	0.359 0.111	-9.409 -0.061	9.53 9.61	0.033 -0.503	-6,559 ^,489	0.609 0.129	-0.459 -0.169	-9.709 -0.239	-0.259 0.269	-0.809 0.339	-0,859 0,369	-0,000 0,139	-0.959 0.469
-0.115 -0.155			0.265													
-0.196 -0.274			-0.346 -0.124										-0.846 0.376			-0.995 0.526
0.316 0.213		0.216 0.313	0.16b 0.363	0.116 0.413				-0.084 0.613								-0.484 1.013
0.250 0.119			0.100 0.266											ľ	,	1
-0.363 -0.631			-0.513 -0.481												-1.113 0.119	
0.074		-0.03 0.194	-0.076 0.244					-9.326 0.431								
-0.068 0.010			-0.218 0.160					1			I			1	,	
0.396		0.296 Q.267	9 246 0.317		0.146 0.417	0.09t 0.467	0.075 0.517	• <b>(</b> .36) 4.56)	0.054 0.617	-0.101 -0.467	-0.154 0.717	-0.201 0.767	-0.256 0.817	-0.304 0.867	-0.354 0.917	-0.154 0.967
-0.00		-0.102 0.029	-0.152 0.079	I .		1	•	-0.402 0.329	1	ŧ					1	
-0.064 -0.337			-0.214 -0.167													
0.210 0.095			0.060 0.245					-9.193 0.495								
0.143 -0.037	0.093		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)					-0.257 0.363								-0.657 0.763
			-0.470 -0.479													
0.185		0.085 0.102	0.0350 0.152	2.202 0.202	-0.065 0.252			-0.215 0.402								-0.615 0.602
0.321	0.271 6.059	0.221 0.109			0.071 0.259											-0.479 0.809
0.174 0.089	0,124 0,139			0.289		1		-0.295 6.489	•		3	-9.426 0.689	ı	-0. <b>5</b> 26 0.789		-0.626 0.889
-0.234 -0.331			-0.384 -0.181													-1.034 0.469
	1		1	. = "		,					ı <del></del> -		(3/	"\ 		

FIG.13(6)

	I da	ta =	===	0 dp	1 ===;	Gr	קייני	1 4	Avera	ge I	value	s t	tr Avgg	scanne	d in o	posite	sense	<b>"</b> ,
! 1	in IA -	; - v e. -	.85 v 1	.9 v	75 y <sup>1</sup> -	.,7 v ! !	65 v	y	55 v	.s v	- ,45 v	.4 v	35 v	.3 v	25 y	2 v	15 v	1 v
508 VAG			2.381 0.722	2.331 0.772	2.281 0.822		2.181 0.922	2.131 0.972	2.081 1.022	2.031 1.072	1.122	1.931 1.172	1.881 1.222	1.831 1.272	1.791 1.322	1_731 1.372	1.681 1.422	1.631
Avg 21A	-0.052	1.91£ 0.064	1.866 0.114	1.816 0.164	1.765 0.214	1.716 0.264	1,666 0,314	1.616 0.361	1.566 0.414	1.516 0.464	1.466 0.514	1.416 0.564	1.366 0.614	1.316 0.664	1.266 0.714	1.216 0.761	1.166 0.814	1.116 0.864
Avg 22A	0.060	1.960 0.220	1.910 0.270	1.860 0.320	1.810 0.370	1.760	1.710 0.470	1.660 0.520	1.610 0.570	1.560 0.620	1.510 0.670	1.460 0.720	1.410 0.770	1.360 0.920	1.310 0.870	1.260 0.920	1.210 0.970	1.160
Avg 23A	0.022	1.878 0.101	1.929 0.151	1.778 0.201	1.728	1.678 0.301	1.529 0.351	1.579 0.401	1.528 0.451	1.479 0.501	1.428 0.551	1.378 0.501	1.328 0.651	1.278 0.701	1.228 0.751	1.178 0.801	1.128 0.851	1.078
Avg 24A	-0.002	2.390 0.588	2.340 0.638	0.689 0.689	2.240 0.739	2.190 0.789	2.140 0.838	0.999 2.090	2.040 0.938	1.990 0.989	1.940 1.038	1.890 1.088	1.840 1.138	1.790 1.189	1.740 1.238	1.690	1.640 1.338	1.590
Avş	-0.032	2.325 0.493	2.275 0.513	2.225 0.593	2.175 20.643	2.125 0.693	2.075 0.743	2.025 0.793	1.975 0.843	1.925 0.893	1.875 0.943	1.825 0.993	1.775 1.043	1.725 1.093	1.675 1.143	1.625 1.193	1.575 1.213	1.525
Avg   268	-0.169	1.712 0.257	1.662 0.207	1.612 -0.157	1.562 -0.107		1.162	1.412	1.362	1.312 0.143	1.252 0.193	1.212 9.243	1.152 0.293	1.112	1.062 0.393	1.012 0.443	0.962 0.493	0.912 0.543
Avg 27A	0.120	2.149 0.468	2.093 0.518	2.049 0.568	1.999	1.949 0.668	1.939	1.849 0.768	1.799 0.818	1.749	1.699	1.649	1.599	1.549 1.068	1.499 1.118	1.449	1.399 <u>1.218</u>	1.349 1.268
849 280	0.179	2.007 0.385	1.957 0.435	1.907	1.857 0.525	1.807 9.595	1.757 0.635	1.707 0.695	1.657 0.735	1.607 0.785	1.557	1.507 0.885	1.457 0.935	1.407 0.985	1.357 1.035	1.307 1.085	1.257 1.135	1,207 1,195
56C Vad	-0.129	2.471 0.542	2.421 0.592	2.371 0.642	2.321 0.692	2.271 9.742	2.221 0.792	2.171 0.912	2.121 0.892	2.071 0.942	2.021 0.992	1.971 1.042	1.921	1.871	1	1.771 1.242	1.721	1.671
30B 8vg	0.032	2.073 0.304	2.023 0.354	1.972 0.404	1.923 0.454	1.873	1.823 0.554	1.773 0.604	1.723 0.554	1.673 0.704	1.623 0.754	1.573 0.804	1.523 0.854	1.473 0.904	1.423 0.954	1.373	1.323 1.054	1.273
Avg 310	-0.174	2.011 0.037	1.951 0.087	1.911 0.137	1.861 0.187	1.811 0.237	1.761 0.297	1.711 0.337	1.661 0.387	1.611 0.437	1.561 0.497	1.511 0.537	1.461 0.597	1.411 0.637	1.361 0.687		1.261 0.787	0.837
Avg 320	-0.015	2.285 0.470	2.235 0.520	2.185 0.570	2.135 0.620	2.095 0.670		1.985 0.770	1.935	1.985	1.835 0.920	1.785		1.685 1.070	1.635		1.535 1.220	1.485
33C W/d	-0.080	2.218 0.338	2.169 0.388	2.119	2.068 0.489	2.018 0.538	1	1.918	1.969 0.699	1.819 0.739	1.768 0.789	1.718 0.839		1.619 0.938	1.568 0.989		1.468	1.418 1.138
Avg 31A	-0.209	1.755 -0.255	1.705	1.655	1.605 -0.105	1.555	1.505		1.405 0.095				1.205 0.295		1.105	1.055 0.445		0.955 0.545
Avg 350	-0.083		1	2.160 0.477		2.060 0.577				1.860 0.777			1.710	1.660 0.977			1.510 1.127	1.460
34B VAG	-0.212	2.396		2.236 0.484					1	1.935 0.781	1	0.894				1.696		1.596 1.184
Avg 370		2.2.7	2.199		2.022				1.899	1.849 0.963			1.699					
39 <u>P</u>	0.003	1.841	1.791	1.741 0.144	û 164 î 'ê61	0.24	1.591	1.541	1.491	1.441 0.444	1.221	1.341	1 .291	1.241 2.544	1.191	1.111	1.091 0.794	1.041 0.844

FIG. 13(c)

	<b> </b> -	I. dá	ıta =	:=== ,	o de	} ===	= Gr	cup '	1	Aver	ge I	value	<u>s</u>	1		
05 v	0 v	.05 v	.1 v	.15 v	.2 ¥	.25 Y	. j. v	.35 y	.4 ٧	.45 y	.5 y	.55 y	,6 'V	.65 y	.7 9	.75 v
1.581		1.481	1.431 1.672	1.381 1.722	1.331 1.772	1.291	1 231 1.972		1.131 1.972	1.081 2.022	1.031	0.981 2.122	0.931 2.172	0.891 2.222	0.831 2.272	0.791 2.322
1.056	1.014 0.964		0.916 1.064	0.866 1.114	0.916 1.164	0.766 1.214	0.716 1.264	0.666 1.314	0.616 1.354	0.566 1.414	0.516 1.464	0.466 1.514	0.416 1.564	0.366 1.514	0.316 1.654	0.266 1.714
1.110	1.060		0.960 1.220	0.910 1.270		0.810 1.370	0.760 1.420	0.710 1.470	0.660 1.520	0.610 1.570	0.560 1.620	0.510 1.670	0.460 1.720	0.410 1.770	0.360 1.820	0.310 1.870
1.028 0.951	0.978 1.001		0.878 1.101	0.828 1.151	0.776 1 <u>.201</u>	0.728 1.251	0.678 1.301	0.628 1.351	0.578 1.401	0.528 1.451	0.478 1.501	0.428 1.551	0.378 1.601	0.328 1.651	0.278 1.701	0.228 1.751
1.540	1.490 1.498	1.440 1.539	1.390 1.588	1.340 1.638	1.290	1.240 1.738	1.190 1.788	1.140 1.938	1.090	1.040	1.998 1.996	0.940 2.039	0.890 2.088	0.840 2.138	0.790 2.189	0.740 2.238
1.475 1.343	1.425	1.37\$ 1.443		1.275 1.542	1.225 1.593	1.175 1.643	1.125 1.693	1.075	1.025 1.793		0.925 1.893	0.875 1.943	0.825 1.993	0.775 2.043	0.725 2.093	0.675 2.143
0.862 0.593	0.812 0.613	ľ		0.662 0.793	0.612 0.843	0.562 0.993		0.462 0.993	0.412 1.043	1		0.262 1.193	0.212 1.243			0.062 1.393
1.299 1.318	1.249 1.368	1.199 1.418	1.149 1.468	1.093	1.049	0.999 1.619	0.949	0.922	0.849 1.768	0.799 1.818	0.749	0.699 1.918	0.649 1.968	0.599 2.019	0.549 2.068	0.499 2.118
1.157 1.235	1.107 1.295	1.057 1.335	1.007	0.957 1.435	0.907 1.485	0.857 1.535	0.807 1.585	0.757 1.635	0.707 1.695	0.657 1.735	0.607 1.795	0.557 1.835	0.507 1.885	0.457 1.935	0.407 1.995	0:357 2:035
1.621 1.392	1.571 1.442		1.471 1.542	1.421 1.592	1.371 1.642	1.321 1.692	1.271 1.742	1.221 1.792		1.121 1.892	1.071 1.942	1.021 1.992	0.971 2.012	0.921 2.092	0.971 2.142	
1.223 1.154	1.173 1. <u>204</u>	1.123 1.254	1.073 1.304	1.023 1.354		0.923 1.454	0.873 1.504		0.773 1.604	0.723 1.654	0.673 1.794	0.623 1.754	0.573 1.804	0.523 1.854	0.473 1.904	0.423 1.954
1.161	1.111			0.961 1.097		0.851 1.187	0.811 1,237	0.761 1.297	0.711 1.337	0.661 1.397	1	0.561 1.497	1	0.461 1.597	0.411 1.637	0.361 1.687.
1.435 1.320	1.395 1.370				1.185 1.570	1.135 1.620	1.095 1.670	1.035 1.720	0.985 1.770	0.935 1.920		0.835	0.785 1.970	0.735 2.020	0.685 2.070	0.635 2.120
1.368 1. <u>188</u>	1.318 1.238	a	1.218 1.338	1.168	1.118	1.068	1.018	1	0.918	0.868 1.688	0.818 1.738	0.768 1.788	0.718 1.838	0.668 1.888	0.618	0.568 1.988
0.905 0.595		0.805 0.695		0.705 0.795	0.655 0.845	0.605 0.895		0.505 0.995	0.455 1.045	0.405 1.095	0.355 1.145	0.305 1.195	0.255 1.245	0.205 1.295	0.155 1.345	0.105 1.395
1.410	1.350 1.277		1.260 1.377					1.010 1.627	0.960			0.810 1.827	0.750 1.877	0.710 1.927		0.610 2.027
1.546 1.234		1	1			1.246 1.531			1.036			0.346	0.896 1.884	0.846 1.934		0.746 2.034
1.399 1.313		1.299 1.41?		1.199 1.513	1.149			0,999 1,713	0.949			0.799	0.749 1.953	0.699 2.013	1	0.599 2.113
0.991 0.894		0.891 0.994				0.691 1.194		0.59 <u>1</u> 1.294	0.541 1.344			0.391	0.341 1.544	0.291 1.594		0.191

FIG. 13(d)

;	•••	- *1#P		왕	i	Group	-• **	ŧ	Aver 29e	<b>)</b> -1	valuer	£		P	Ares scaned in opposite sense	eite sei	Ē	ğ		•	I dale	•		c. a)	į	ino.ij	 ±	ž	PVel'syr		; values	. •	Į	ccaned in opposite sense	104	1 2	
100		Ain 18 - 9 18 v - 23 v - 27 v - 29 - v - 62 v - 18	¥ \$1.	-	73 4	7		¥1.	8. v v.8	2-		¥ 11 4. F	*	7	4 81	*	* 1. * * * 1. *	ε.	- 3+ 1	*	1. 4.30.	¥ 77	3		*	3 1 . 34	ř.	*	5. 5	ر. د	2	کر ب	. ;;	, , t,	, B + 8.		5
Eā	5.0.4		441.7		1.01 1.74 1.71 1.44 1.01 1.04 5.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00		11111	= # <u>=</u> [=									Ha a										. Zi										## # <sub>1</sub>
Eä	<b>9</b>	11	THE CASE CASE CASE CASE CASE CASE CASE CAS	48.5		1.740 1.710 1.666 9.470 0.470 0.520 Opises to the Right	110	\$ 55 E	1 85 E	1.546.1	1,316,1	1,466 1 0,770 0 0,670 0	11 11 11	1.000	1.31% 1. 6.87% 6. 6.877 8.	945.1 946.1 1. 1144.0		## ## ## ## ## ## ## ## ## ## ## ## ##	-	98	# / A	0)	1.0	100 MM 0.00 100 MM 1.00 100 M	0.810 9 1.370 1 Hist 1	9.76 1.08 1.08 1.01 1.11	0.746 1.715 0.446 1.429 1.476 1.529 1.places to the Right 1.771 1.426 1.476		## H	35 S	#6 5	## 5			2811 5211 2811 5211 2811 5211		<b>#</b>
řĒ	Ħ.	112 3			11.00 0.10	0.00 0.00 0.00 0.00 0.00	1. 424. 1.01. 1.01. 1.01.	1,426 1,579 1,528 1,100 0,401 0,431 1,10 0,401 0,431 1,10 0,401 1,431 1,131 0,401 1,431	क्ष्य स	ទីអ អ	5 S	1 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#8 #	55 S				1980   1980   1980   1980 1980   1980   1980   1980 1980   1980   1980   1980				3.07 6.00 11.11	1 ST 10 10 10 10 10 10 10 10 10 10 10 10 10	F \ I		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.678 0.628 0.578 0 0.301 0.351 0.601 0 0.51aces to the Meither 0.1711 0.311 0.401	8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	88 9	3 : : : : : : : : : : : : : : : : : : :	5 H H				5H H		<b>98 8</b>
¥£	€90.0		2 2002 91.0 2016 2017 91.0 2018 2018 2018 2018 2018 2018 2018 201	10 10 10 10 10 10 10 10 10 10 10 10 10 1	126 2.17 6.78 6.78 115 6.78 1.78 6.78	71 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F	1 146 2 1 42 41 5 1 42 41 5	5.146 2.095 2.045 0.828 0.838 0.938 0.838 0.838 0.838	\$6 G		26		## f				11 Vi		-1-1	£ 5 \$	<b>1</b>			MIC the 12 Me (		11 ME 1	1.150   1.141   1.090   1.040   1.750   1.750   1.750   1.93	1.0% 1.0% 1.0% 1.0% 1.0% 1.0%			30 0 38 8			55 B	## # 56 #		8 B B
₽Ħ	# TE T	9,002 (103 (103 )133 (103 )135 (103 )135 (103 )139 (103	1 (17) 100 (			100	NE SE	E E E E		1 885.1 1 885.1 1 885.1	1.875 (1825 1.140 (1.343 1.141 (1.343		KE E					183 183 183 183 183 183	-11-		\$ E		HE E		ene.								ne e	31 H	3E 3	100	~ ·
<b>F</b> 51	` \$1.5°	11. 12. 12. 12. 12. 12. 12. 12. 12. 12.	11.	112 113 113 1007	1.552 1.552 1.162 1.143 5.137 -5.159 -5.607 5.503 Him Oplices to the left 5.501 5.173 5.173 5.173	157 - 15. 159 - 3. 199 - 5.	162 (807 (818) 161	11 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					3,443	5.20 EP.0	10 S.	- 1813 -	C. 045.5	11 m							30	21 100 12	The the table		34 G	35 A			2 9.112 04.11 E	26.	100 m	#0.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 1	1
FA	6.13		181 181 181 181 181 181 181 181 181 181	8. S.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	348 1. 348 3. 31cm 3.	199 E. S.	1848 1. 259 A. 1988 A.		1,279 1. 5,858 5. 5,759 5.	1.879 L. 2.816 L. 7.818 Z.	11 856.11	11 <b>68</b> 11 16 16 16 16 16 16 16 16 16 16 16 16	11 <b>18</b> 11 11 11 11 11 11 11 11 11 11 11 11 11			1)		V	<del></del>	33 3 55 5			1.049 0.399 0.304 0.339 0.349 1.559 1.519 1.508 1.39 1.59 18 3 18 8 2 2 4 4 4 4 5 2 2 2 2 2 2 2 2 2 2 2 2 2		PACE PACE	100 000 000 000 000 000 000 000 000 000	\$5 5 \$5 5	55 5				95.5 E		\$ 5 E		
\$H	5 1	35	1,007 1,197 1,197 1 1,195 0,135 0,185 0 1,101 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1	761.7 2.635.7 5.63.0	2 A 3	1,807 1,757 1,707 0,595 1,e35 3,605 Objects to the Might 0,395 1,435 0,445	157 1. 188 3. 145 4.	10 Se 11 Se		24 K	1,557 1. 1,835 0. 1,835 1.	1,597 1. 0,885 3. 1,885 3.	1.457 1.1	1.467 ::: 0.785 1:: 0.785 0.1	757 1.035 1.0 3.635 3.8	1.597 -1.00 1.695 1.11 9.895 9.5					an/n		as in		1.515 1.152 0.735 1.737 1.737 1.518 1.518 1.155 1.155 1.155 1.155 1.155 1.155 1.155 1.155 1.155 1.155 1.155 1.155	1.05 0.00 1.05 1.00 1.05 1.00 1.05 1.00 1.05 1.00	200 000 200 000 200 000 200 000 200 000	90 9 864s	an s	25 S	(C) 1 (S)	25 25 25 25 25 25 25 25 25 25 25 25 25 2	7 2,497 5 1,385 5 1,785	200 S	252		
FH	n I	23. E. S.	त्यात त्या त्या त्या त्या त्या त्या त्या		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	121 121 121 121 121 121 121 121 121 121	11 2 2 2 2		1 <b>26</b> 1	2.991. 2.942. 3.942. 1.992. 1.	1381	##:: ##::		#11 #11 #11 #11	""		1 241 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	181 181 181 181 181 188		167 1871 1871 1871 1871		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 1 10 1 10 1 10 1 10 1 10 1 10 1 10		1.02 (1.02) (1.0				55 E				1 1.17	12.2.2	55	\$11	
£ 55	2.622		1000 1000 1,	1,373 ; 9,404 9 atla 18 [18]	:	2.57 1. 2.54 2. Delicer to	1.825 3.854 3. 6.84 3.	1,104 9,654 9,69k 5,554 9,694		1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	11623 1.754 9. 1.794 2.	1.572 1.673 1.74 1.1		2.994 2.5	5.153 1.3 5.954 1.0 5.994 5.3	1,373 1,373 1,384						1.07 1.021 0.077 1.07 1.034 1.044 MIRE the Min 18 1.04 1.034	73 1,023 0,973 04 1,054 1,404 1Mfft the min EA	0.973 3.9 1.404 1.4 klb Es Ils 1.354 1.4	1.454 1.594 1.623 0.773 1.454 1.594 1.554 1.464 1fbs 1.places to the fight 1.404 1.454 1.594 1.554	9.873 3.823 1.594 3.554 .places to the 1.454 3.594	1.554 1.854 1.554 1.854 1.05 the Right 1.594 1.554	E 2 4 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5			1 5.53 1 . 594 1 . 734	25.5	1.35	9.42 1,954 1,964	25.5	1.684	<u></u>
		ľ								l			ŀ						1		['						ŀ		l				l		١	ı	

FIG. 13(e)



#### manduom I data

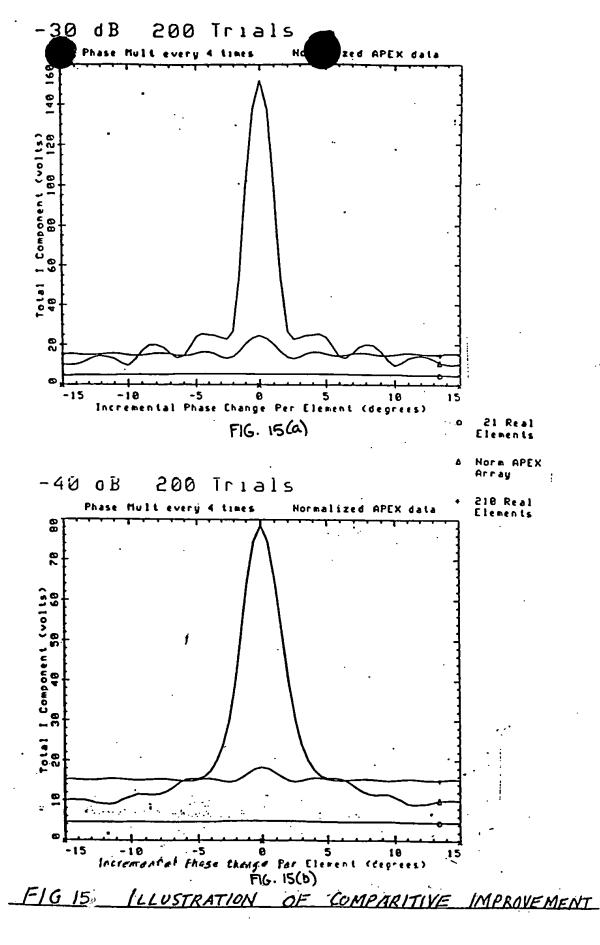
	•		manibon I	data	• •					-	
		ūriy						ÉQUIV		Racio	•
Tria		Notes			Horse Has			Voltage	MΩ12E	07.19	
Grou		Avg	1	2	خ 	4	5	Added	Avg	Last	
205		0.1481	0.0000		0.0ede	-0.0554	0.0061	-0.1/33	-0.0252	5.7	
	2	0.5426	0.3662	0.1162	-0.1336	-0.0006	0.055	-0.5201	0.0225	14.1	
	3	0.6213		0.2502	0.0002	-0.1246	-0.0e23	-0.6524	-0.0311	20.0	
	1	-0.2508	-0.0508	0.1992	-0.0508	0.0/42	0.0117	0.2313	-U.UIF6	12.5	
206		0.1813	-0.1142	0.1358	-0.1142	0.0108	-0.0512	-0.2012		3.9	
	3	-0.4060	-0.31e5	-û.use5	0.1835	0.0565	-0.0040	0.4332	0.0272	14.9	
	i	-0.2893	-0.0300	0.2200	-0.0300	0.0950	0.0525	0.2906	0.0013	223.5	
	2	-0.0591	0.1268	-0.1232	0.1268	0.0018	-0.0507	0.0296	-0.0295	2.0	
	3	0.8016	0.7904	0.5404	0.2504	0.1654	0.1029	-0.2300	0.0716	11.2	
	Ĺ	-0.3269	-0.1255	0.1245	-0.1255	-0.0005	0.0620	6.3577	0.0308	10.6	
	2	-0.5892	-0.4528	-0.2026	0.0422	-0.0/78	-0.0153	0.6052	0.01é0	ās.Ÿ	
	ŝ	-0.5162	-0.3509	-0.1009	0.1491	0.0241	-0.0384	0.5090	-0.0071	72.4i	
	i	-0.3328	-0.2315	0.0185	-0.2315	-0.1065	-0.0440	0.3200	-0.0128	26.1	
	2	0.7883	0.6286	0.3785	G.1286	0.0036	-u.0589	-0.8160	-0.0277	28.5	
	3	-0.3146	-0.1996	0.0504	-0.1996	-0.0746	-0.0121	0.3338	0.0192	16.4	
210		-0.4353	-0.2432	0.0000	-0.2432	-0.1182	-0.0552	0.4109	-0.0244	17.6	
210		-0.10es	0.1552	-0.1166	0.1532	0.0082	-0.0545	0.0836	-0.0230	યાં. 🖞	
	3	0.2597	0.0257	-0.2243	0.0262	-0.0793	-0.0366	-0.2e52	-0.0055	46.9	
	1	-0.2477		0.2280	-0.0220	v.1030	0.0405	0.2569	0.0093	2é.)	
	2	-0.2277		ບ.ບຣ້ອມ	-0.2136		-0,0263	0.2327	0.0049	46.0	
	3	0.6775	Ú. Šžde		ů.dine	-0.0304	0.0321	-0.6/6/	0.0008	820.7	
	1	0.1145	-0.2523	0.012/	-0.2323	-0.1673	-บ.บลาอ	-0.1280		8i	
	2	0.3209	0.2503	0.0003	-0.2492	-0.1242	-0.0622	-0.3518	-0.0509	10.4	
	3	0.2595	0.2159	-0.0341	0.2159	0.0909	ს.028ო	-0.2624	-0.0019	70.1	
	1	0.4217	0.2221	-0.02/9	0.2221	0.09/1	0.0ade	-0.4163	0.0034	125.3	
	2	-0.5357	-0.3012	-0.0512	0.1750	0.0/38		0.5152	-0.0175	£6.7	
	3	-0.2945	-0.2748	-0.0248	0.2252	0.1002	0.05/2	0.3008	0.0065	45.5	
	1	-0.6963	-0.5029	-0.2529	-0.0029	0.1221	0.05%	0.7267	0.0463	∠4.c	
	2	0.7664	0.7016	0.4516	0.2016	0.0766		-0.7835	-0.0171	44.7	
	3	0.3609	0.2261	-0.0219	0.2281	0.1031	0.010:	-0.3516	0.0093	38/	
	ì	-0.5990	-0.3920	-0.1420	ú.1080	-0.0120	0.0455	0.6132	0.0142	42.1	
	2	-0.6418	-0.6169	-0.3669		0.0081	-0.0544	0.6167	-0.0231	∠7.8	
	3	-0.2020	-0.0166	0.2334	-0.0166	0.1084	0.0459	0.21cc		13.3	•
	1	0.2267	-0.0009	0.2491	-0.0009	0.1241	0.0616		0.0303	7.5	Ž.
	2	-0.7869	-0.7607	-0.5102	-0.2607	-0.1357	-0.0732	0.7450	-0.0419	13.6	
	3	-0.3518	-0.0974	0.1506		0.0256	-0.0369		0.0057	cl. 7	Ž.:.
	1	-0.3168	-0.0963	0.1532	~0.0968	0.0262	-0.0343	0.3138	-0.0031	103.9	
	2	0.3848	0.3126	0.0626	-0.1874	-0.0624	0.0001	-0.4160	-0.0312	12.3	
	3	0.3492	0.2517	0.0017	-0.2483	-0.1233	-0.0608	-0.3788	-0.0296	i.i.è	
218		0.2154	0.0254	-0.2246	0.0254	-0.0996	-0.0371	-0.2253	-0.0059	37.2	
218		-0.6434	-0.5998	-0.3498		3.0252	-0.0373	0.6373	-0.0061	1.06.0	
216		Ü.251e	0.1355	-0.1145	0.1355	0.0105	-0.0520	-0.2724	-0.0207	12.1	
			-0.5113							41.1	:.
219		-0.1859	0.0141	-0.2359	0.0141	-6.1109	-0.0060	0.1686	-0.0172	ة.0ي	
219		-0.2779		0.1269	-0.1231		-0.0000	0.2465		9.5	
220		-0.227e	-0.0750	0.1744	-0.0%5s	0.0676	-0.0121	6.147/	0.0181	.2.7	
220		-0.2729	-0.1/07	0.0/91	-0.1709	-0.0459	U.Úlec	0.2582	-0.0146	ì.d.e	
220		-0.0854	-ë.bada	0.20%	-0.0404	0.0646	0.0521	0.0263	-0.0091	9.4	
	1.	-0.3921	-0.2i16	0.0381	-0.21ib	-ú.vasá	-0.0243	0.3790	0.0069	ပ်စ.မဲ	
221	2	0.8987	0.2632	0.5552	0.2052	U.16U2	0.0577	-9.6323	Q.0264	13.5	
221			-0.5320							52.0	

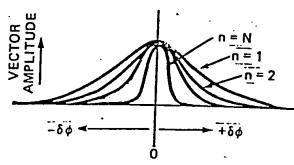
FIG. 14(a)

### RAHDUM @ data

			RANDUM C	o data	•					
r, i	ial/	Orig Noise	4444444	ić. Neu	Naisa Ana	cana sis	*****	Equiv Voltage	Last Moise	Ratio Orig ::
Gru	_	Avg	. 1	new	3	स्बद्धक २२२ स	******** \$	Added	Avg	Last
205	1	0.4440	0.3970	0.1470	-0.1030		-0.0405	-0.4532	-0.0092	48.1
205	2	0.1728	0.0073	-0.2423	0.0027	-0.1173	-0.0548	-0.2163	-0.0235	3.2
205	3	0.2307	0.0307	-0.2193	0.0307	1 -0.0943	-0.0318	-0.2313	-0.0006	392.9
206	1	0.6667	0.5649	0.3149	0.0649	-0.0601	0.0024	-0.6955	-0.0288	23.1
206	2	-0.0959	0.1153	-0.134/	0.1153	-0.0097	0.0528	0.1174	0.0215	4.5
206	3	0.0218	-0.2565	-0.0065	0.2435	0.1185	0.0560	0.0030	0.0248	0.9
207	1	0.7412	0.7194	0.4694	0.2194	0.0944	0.0319	-0.7406	0.0006	1181.1
207	2	-0.2973	-0.2522	-0.0022	0.2478	0.1228	0.0603	0.3263	0.0290	10.2
207	3	0.3831	-0.0517	0.1983	-0.0517	0.0733	0.0108	-0.4036	-0.0205	18.7
208	1	0.2199	0.1728	-0.0772	0.1728	0.0478	-0.0147	-0.2033	0.0166	13.3
208	2	0.4198	0.3966	0.1466	-0.1034	0.0216	-0.0409	-0.4295	-0.0097	43.4
208	3	-0.1523	-0.0900	0.1600	-0.0900	0.0350	-0.0275	0.1561	0.0038	40.1
209	1	-0.3033	-0.2685	-0.0185	0.2315	0.1065	0.0440	0.3161	0.0127	23.8
209	2	-0.0808	0.0528	-0.1972	0.0528	-0.0722	-0.0097	0.1024	0.0216	3.7
503	3	-0.0148	0.1385	-0.1115	0.1385	0.0135	-0.0490	-0.0029	-0.0177	0.8
210	1	0.2507	0.1507	-0.0893	0.1602	0.0357	-0.0268	-0.2462	0.0044	56.8
210	2	0.2427	0.2049	-0.0451		0.0799	0.0124	-0.2566	-0.0139	17.5
210	3	0.0951	-0.0/61	0.1739	-0.0761	0.0489	-0.0136	-0.0784	0.0177	5.4
211	1	0.2369	0.2232	-0.0268	0.2232	0.0982	0.035/	-0.2325	0.0044	53.5
211	2	0.4855	0.2534	0.0034	-0.2456	-0.1216	-0.0591	-0.5143	-0.0278	17.5
211	3	-0.2412	-0.2039	-0.4539	-0.2039	-0.0739	-0.0164	0.7560	0.0148	50.1
212	1	0.5285	0.3926	0.1426	-0.1074	0.0176	-0.0449	-0.5421	-0.0136	38.8
212	2	0.181/	0.0830	-0.16/0	0.0836	-0.0420	0.0205	-0.1925	-0.0107	16.9
212	3	-0.0208	0.1426	-0.1080	0.1420	0.0170	-0.0455	0.0066	-0.0142	1.5
213	1	-0.2570	-0.1652	0.0848	±0.1652	-0.0402	6.0223	0.2480	-0.0090	28.7
213	2	-0.0064	0.0310	-0.2190	0.0310	-0.0940	-0.0315	0.0052	-0.0003	24.3
213	3	-0.5096	- <b>0</b> .3200	-0.0700	0.1800	0.0550	-0.0025	0.5333	0.0237	21.5
214	1	-0.0246	0.1/03	-0.0797	0.1703	0.0453	-0.0172	0.0387	0.0141	1.3
214	2	-0.1595	-0.0912	0.1505	-0.0912	0.0338	-0.028/	0.1620	0.0025	62.8
214	3	0.1216	-0.0494	0.2006	-0.0494	0.0756	0.0131	-0.1398	-0.0181	6.7
215	1:	-0.3403	-0.0213	0.2282	-0.0213	0.1037	0.0412	0.3502	0.0099	34.3 :
215	2	-0.1557	-0.0243	0.2257	-0.0243	0.100%	0.0382	0.1627	0.0069	22.4
215	3	-0.5943	-0.3037	-0.0537		0.0713	0.0088	0.5718	-0.0225	26.5
216	1	0.1584	0.0282	-0.2218	0.0282	-0.0968	-0.0343	-0.1614	-0.0030	52.0
216	2	0.3981	0.3794	0.1294	-0.1206	0.0044	-0.0581	-0.4250	-0.0268	14.8
216	3	0.1159	-0.0841	0.1659	-0.0841	0.0409	-0.0216		0.0097	12.0
217	1	0.4497	0.2497	-0.0003	0.2497	0.1247	0.0622	-0.4188	0.0309	14.5
21.7	2	0.5273	0.2169	-0.0331	0.2169	0.0919	0.0294	-0.5292	-0.0019	278.7
217	3	0.1066	-0.0200	0.1800	-0.0700	0.0550	-0.0025	-0.0829	0.0238	4.5
218	1	-0.4485	-0.2822	-0.0322	0.2178	0.0928		0.4475	-0.0010	453.7
218	2	0.0983	-0.1447	0.1053	-0.144/	-0.0197	0.0428	-0.0867	0.0115	8.5
218	3	0.0171	-0.1190	0.1310	-0.1190	0.0060	-0.0565	-0.0423	-0.0252	0.7
5.15	1	0.0508	-0.1111	0.1389	-0.1111	0.0139	-0.0486		-0.0173	
57.6	2	0.2668	0.0668	-0.1832	0.0668	-0.0582	0.0043	-0.2938	-0.0270	9.9
219	3	-0.2/92	-0.1891	0.0609	-0.1891	-0.0641	-0.0016	0.3088	0.0296	9.4
220	1	0.6507	0.6095	0.3595	0.1095	-0.0155	0.04.70	-0.6349	0.0158	41.2
220	2	0.6336	0.361/	0.111/	-0.1383	-0.0133	0.0492	-0.6157	0.0179	35.4
220	3	-0.1340	0.1748	-0.0754	0.1248	0.0498	-0.03 <i>27</i>	0.1525	0.0185	7.2
221	1	-0.3141	-0.1141	0.1259	-0.1141	0.0109	-0.0515	0.2938	-0.0204	15.4
221	2	-0.0350	0.1447	-0.1053	0.1447	0.0197	-0.0428	0.0235	-0.0116	3.0
221	3	0.1035	-0.1367	0.1133	-0.1367	-0.0112	0.0508	-0.0839	0.0196	5.3

FIG. 14(b)





CHANNEL PHASE DISPERSION
AS FUNCTION OF n
FIG. 16(a)

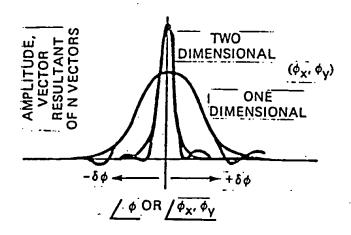


FIG. 16(b)

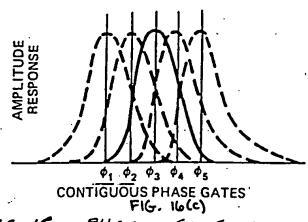


FIG 16 PHASE GATE OPTIONS

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